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NO. 1134 P. 1/22

SEP 2 0 2005



75 State Strest Boston, MA 02109-1808 617.261,3100 Fax: 617.261,3175

## Kirkpatrick & Lockhart Nicholson Graham LLP

**FAX** 

Date • September 20, 2005

Pages • 22

Time •

Transmit To . Commissioner for Patents

Company/Firm • Commissioner

Telephone No. •

Fax No. • 571-273-8300

From • Christine C. Vito, Ph.D.

Phone • 617.261.3150

Secretary • Karen Boucher

Phone • 617.261.3283

Attorney No. • 5975

Client/Matter Name STK-081

Client ID/Matter No. • 0519290/0166

COMMENTS: U.S. Patent Application No. 10/081,163

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K&LNG LLP

SEP 2 0 2005

NO. 1134 P. 2/22

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l				n Serial Number		10/081,163	
TRANSMITTAL FORM				Filing Date		February 20, 2002	
			First Name	amed Inventor		Chubinskaya	
			Group Art	t Unit		1641	
			Examiner 1	Examiner Name		Gary W. Counts	
			Attorney D	y Docket No.		STK-081	
l			Patent No.			Not applicable	
			Issue Date			Not applicable	
		EN	CLOSURES (	check all that apply)	_		
Ø	Fcc Transmittal Form			e to File Missing	Īг	Notice of Appeal to Board	
			Parts of Appli		-	of Patent Appeals and Interferences	
	☐ Check Attached ☐ Copy of Fee		E. ID (		_ ا		
	Transmittal Form		Formal Drawi	ng(s)	╽┖	Appeal Brief (in triplicate)	
⊠	Amendment/Response	0	Request For C Examination (			Status Inquiry	
	☐ Preliminary		Transmittal	(RCE)			
	After Final	l_			] [	Return Receipt Postcard	
	☐ Affidavits/declaration(s) ☐ Letter to Official		Power of Atto	rney f Prior Powers)	_ ا		
İ	Draftsperson		(Revocation o	T Prior Powers)		Certificate of First Class Mailing under 37 C.F.R. 1.8	
	including Drawings						
	[Total Sheets 15]		Terminal Disc	laimer .	□		
				•		Transmission under 37 C.F.R. 1.8	
	Petition for Extension of			laration and Power	⋉		
	Time		of Attorney for Patent Applies	r Utility or Design		(please identify below)	
	☐ Information Disclosure ☐ Sms		Small Entity S	nall Entity Statement		Request for Continued Examination	
	Form PTO-1449					Examination	
	Copies of IDS			e table or computer			
	Citations		program				
	Certified Copy of Priority		Amendment A	fter Allowance		i	
	Document(s)						
	Sequence Listing submission		Request for Correction	ertificate of			
	Paper Copy/CD			of Correction (in		i	
	Computer Readable Copy		duplicate)	•		,	
	Statement verifying identity of above						
CORRESPONDENCE ADDRESS				SIGNATURE BLO	OCI		
		ministrator			Respectfielly submitted,		
	Kirkpatric	k & Lockh	art Nicholson				
	Graham 75 State S			Date: September 20,	200		
Boston, MA 02109-18				Reg. No. 39,061 Tel. No.: (617) 261-	315	Christine C. Vito, Ph.D.  O Atty/Agent for Applicant(s)	
Tel. No.: (617) 261-310 Fax No.: (617) 261-317				Fax No · (617) 261-317		Kirkpatrick & Lockhart Nicholson	
			-			Graham LLP 75 State Street	
				}		Boston, MA 02109-1808	

# RECEIVED

NO. 1134 P. 3/22

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## FEE TRANSMITTAL FY 2005

	Complete if Known				
Application Serial Number	10/081,163				
Filing Date	February 20, 2002				
First Named Inventor	Chubinskaya et al.				
Group Art Unit	1641				
Examiner Name	Gary W. Counts				
Attorney Docket No.	STK-081				

Department Enclosed:   S. ADDITIONAL FEES   Large Small Entity   Rosity	METHOD OF PAYMENT	FEE CALCULATION (continued)			
Early   Refity   Fee					
2. □ The Commissioner is hereby authorized to credit or coharge gany fee indicated below for this submission to Deposit Account No. 50-1721. □ Xexequived Fees (copy of this short enclosed). □ Additional fee required under 37 CFR 1.16 and 1.17. □ Overpayment Credit. □ 1.17. □ District of the Commission of the Commission of Text Previous Additional fees required states of the credit o	☐ Check ☐ Money Order ☐ Other				
or charge any fee indicated below for this submission to Deposit Account No. 50-1721.    Required Fees (copy of this shoct enclosed).   130 65   Surcharge-late fiting fee or oth 1.17.   20   Nor-English specification   1.18   1.19   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10	2 M The Commissions is heady and a service				
to Deposit Account No. 30-1721.    New Required Pere (copy of this shoct enclosed).   130 65   Surcharge - late filing fee or osthoct no. 1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17.   1,17					
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1.17.   Soverpayment Credit   130   130   Non-English specification					
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3.		130 130 Non-English specification			
FEE CALCULATION		· · · .			
FILING/SEARCH/EXAM/SIZE FEES		120 60 Extension for reply within first month			
Large Earlity   Fee (S)   Fee Description   Pee Paid   1590   795   Extension for reply within full mounh   1590   795   Extension for reply within full mounh   1590   795   Extension for reply within full mounh   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   795   1590   795   795   1590   795   795   1590   795   795   1590   795   795   1590   795   795   1590   795   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1590   795   1	1. FILING/SEARCH/EXAM/SIZE FEES	450 225 Extension for reply within second			
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Solution	300 Utility filing fee				
250	500 Utility search fee	500 250 Filing a brief in support of an appeal			
200 Design starch fee   200 200 Petitions to the Commissioner (Gp. II)   130 Design search fee   130 130 Petitions to the Commissioner (Gp. III)   130 Design search fee   180 180 Submission of Information Disclosure   180 Submission after final rejection (37 CFR 1.129(a))   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.00   790.		1000 500 Request for oral hearing			
100   Design search fee   130   130   Petitions to the Coromissioner (Gp, III)					
130   Design exam fee   250   Design size fee (such add 150 pgs. over 100)   Top   Design size fee (such add 150 pgs. over 100)   Top   Design size fee (such add 150 pgs. over 100)   Top   T					
Statement					
Number   Number   Rate   Amount   790   395   Filing a submission after final rejection (27 CFR 1.129(a))   790.00					
Number Number Rate Amount Filed Bxux  Total Claims -20 = x \$ 50.00 = 100 100 Certificate of Correction for applicant's error  Independent Claims -3 = x \$200.00 = 130 65 Other Re (Specify) Other Re (Specify) Other fee (Specify)  Claims Highest No. Present Rate Fee Paid Remaining Previously Extra After Amend, Paid For Total: Graim Highest No. Present Rate Fee Paid Remaining Previously Extra After Amend, Paid For Total: SMALL ENTITY DISCOUNT: Claim Total: SMALL ENTITY DISCOUNT: SUBTOTAL (3) SMALL ENTITY DISCOUNT: SUBTOTAL (3) SMALL ENTITY DISCOUNT: SUBTOTAL (3) TOTAL: SMALL ENTITY DISCOUNT: SMALL ENTITY DISCOUNT: SMALL ENTITY DISCOUNT: SUBTOTAL (3) TOTAL SMALL ENTITY DISCOUNT: SMALL ENTITY					
Total Claims - 20 = x \$ \$0.00 = 100 100 Certificate of Correction for applicant's error 130 65 Other Re (Specify) Other fee (S		rejection (37 CFR 1.129(a)) 790.00			
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Independent Claims -3 = x \$200.00 = Other Rec (Specify)    Multiple Dependent Claim(s), if any S360.00 = TOTAL:   SMALL ENTITY DISCOUNT: SUBTOTAL (1) (5)   Claims Highest No. Present Rate Fee Prid Remaining Previounty Extra After Amend. Paid For   Total	10ta/ Claims -20 = x \$ 50.00 =				
Claims -3 = x \$200.00 = Other fee (Specify)    Mrkliple Dependent Claim(s), if any	Independent				
Multiple Dependent Claim(s), if any S360.00 = TOTAL:   SMALL ENTITY DISCOUNT: SUBTOTAL (1)	· ·				
SMALL ENTITY DISCOUNT: SUBTOTAL (1) (5)  2. AMENDMENT CLAIM FEES Claims Highest No. Present Rate Fee Prid Remaining Previously Extra After Amend, Paid For Total = x \$ 50.00 = Indep. = x \$ 200.00 = SUBTOTAL (2) First Presentation of Multiple Dep. + \$ 360.00 = Claim  TOTAL: (5) SMALL ENTITY DISCOUNT: (3) SUBTOTAL (2) (3)  CORRESPONDENCE ADDRESS Direct all correspondence to: Patent Administrator Kirkpatrick & Lockhart Nicholson Graham LLP 75 State Street Boston, MA 02109-1808 Tel. No.: (617) 261-3150 Fax No.: (617) 261-3175 Kirkpatrick & Lockhart Nicholson Graham LLP Total: SUBTOTAL (3) (5) SUBTOTAL (1) SUBTOTAL (1) SUBTOTAL (2) SUBTOTAL (3) TOTAL (5)		Other fee (Specify)			
SMALL ENTITY DISCOUNT: SUBTOTAL (1) (5)  2. AMENDMENT CLAIM FEES Claims Highest No. Present Rair: Fee Prid Remaining Previously Extra After Amend. Paid For Total = x \$ 200.00 = SUBTOTAL (2) Indep. = x \$ 200.00 = SUBTOTAL (2) Indep. = x \$ 200.00 = SUBTOTAL (2) Claim  TOTAL: (5) SMALL ENTITY DISCOUNT: (5) SUBTOTAL (2) (5)  SUBTOTAL (2) (5)  CORRESPONDENCE ADDRESS  Direct all correspondence to: Patent Administrator Kirkpatrick & Lockhart Nicholson Graham LLP 75 State Street Boston, MA 02109-1808 Tel. No.: (617) 261-3150 Total  SUBTOTAL (3) (5) 790.00  SUBTOTAL (1) SUBTOTAL (2) SUBTOTAL (3) TOTAL  SUBTOTAL (3) TOTAL  SUBTOTAL (4) SUBTOTAL (5) TOTAL  SUBTOTAL (7) SUBTOTAL (8) SUBTOTAL (9) TOTAL  SUBTOTAL (1) CS) TOTAL  TOTAL  SUBTOTAL (1) CS) TOTAL  TOTAL  SUBTOTAL (1) CS) TOTAL  SUBTOTAL (1) CS) TOTAL  SUBTOTAL (1) CS) TOTAL  SUBTOTAL (1) CS) TOTAL  SUBTOTAL (2) CS) TOTAL  TOTAL  SUBTOTAL (1) CS) TOTAL  SUBTOTAL (1) CS) TOTAL  SUBTOTAL (1) CS) TOTAL  SUBTOTAL (2) CS) TOTAL  SUBTOTAL (2) CS) TOTAL  SUBTOTAL (1) CS) TOTAL  SUBTOTAL (1) CS) TOTAL  SUBTOTAL (2) CS) T					
SUBTOTAL (1) (\$)  2. AMENDMENT CLAIM FEES  Claima Highest No. Present Rate Fee Prid Remaining Previously Extra After Amend, Paid For  Total = x \$ 50.00 = SUBTOTAL (2) SUBTOTAL (2)  Indep. = x \$ 200.00 = SUBTOTAL (2)  First Presentation of Multiple Dep. + \$ 360.00 = Claim  TOTAL: (\$)  SMALL ENTITY DISCOUNT: (\$)  SMALL ENTITY DISCOUNT: (\$)  SUBTOTAL (2) (\$)  TOTAL: (\$)  SMALL ENTITY DISCOUNT: (\$)  SUBTOTAL (2) (\$)  TOTAL: (\$)  SMALL ENTITY DISCOUNT: (\$)  SUBTOTAL (2) (\$)  TOTAL: (\$)  SMALL ENTITY DISCOUNT: (\$)  SUBTOTAL (2)  TOTAL: (\$)  SUBTOTAL (1)  FOR TOTAL (2)  TOTAL: (\$)  SUBTOTAL (1)  FOR TOTAL (2)  TOTAL: (\$)  TOTAL: (\$)  SUBTOTAL (1)  FOR TOTAL (2)  TOTAL: (\$)  TOTAL: (\$)  SUBTOTAL (1)  FOR TOTAL (2)  TOTAL: (\$)  TOTAL: (\$					
2. AMENDMENT CLAIM FEES  Claims Highest No. Present Rate Fee Prid Remaining Previously Extra  After Amend, Paid For  Total = x \$ 50.00 = Indep. = x \$ 200.00 = SUBTOTAL (1)  First Presentation of Multiple Dep. + \$ 360.00 = Claim  TOTAL: (3)  SMALL ENTITY DISCOUNT: (3)  SUBTOTAL (2) (3)  CORRESPONDENCE ADDRESS  Direct all correspondence to:  Patent Administrator  Kirkpatrick & Lockhart Nicholson  Graham LLP  75 State Street  Boston, MA 02109-1808  Tel. No.: (617) 261-3150  Fax No.: (617) 261-3175  Kirkpatrick & Lockhart Nicholson  Graham LLP  Total (3)  SUBTOTAL (3)  SUBTOTAL (3)  SUBTOTAL (3)  TOTAL (5)  790.00  SUBTOTAL (3)  SUBTOTAL (1)  SUBTOTAL (2)  SUBTOTAL (2)  For No.: (617) 261-3150  Artorney for the Applicants  Kirkpatrick & Lockhart Nicholson  Graham LLP		-			
Claims					
After Amend, Paid For Total = x \$ 50.00 = SUBTOTAL (1) Indep. = x \$ 200.00 = SUBTOTAL (2) First Presentation of Multiple Dep. + \$ 360.00 = Claim  TOTAL: (3) SMALL ENTITY DISCOUNT: (3) SUBTOTAL (2) (3)  TOTAL: (5) SUBTOTAL (2) (5)  TOTAL: (5) SUBTOTAL (2) TOTAL: (5) TOTAL: (5) SUBTOTAL (3) TOTAL: (5) TOTAL:		SUBTOTAL (3) (5) 790.00			
Total	·				
Indep. = x\$200.00 =   First Presentation of Multiple Dep. +\$360.00 =   Claim	1	CUDTOTAL (I)			
First Presentation of Multiple Dep. +\$ 360.00 = Claim					
Claim  TOTAL: (\$) SMALL ENTITY DISCOUNT: (\$) SUBTOTAL (2) (\$)  CORRESPONDENCE ADDRESS  Direct all correspondence to:  Patent Administrator Kirkpatrick & Lockhart Nicholson Graham LLP  75 State Street Boston, MA 02109-1808 Tel. No.: (617) 261-3150 TOTAL (\$)	THOUSE.				
TOTAL: (\$) SMALL ENTITY DISCOUNT: (\$) SUBTOTAL (2) (\$)  CORRESPONDENCE ADDRESS  Direct all correspondence to:  Patent Administrator Kirkpatrick & Lockhart Nicholson Graham LLP  75 State Street Boston, MA 02109-1808 Tel. No.: (617) 261-3150 TOTAL (\$) TOTAL TOTAL (\$)					
SMALL ENTITY DISCOUNT: SUBTOTAL (2)  CORRESPONDENCE ADDRESS  Direct all correspondence to:  Patent Administrator Kirkpatrick & Lockhart Nicholson Graham LLP  75 State Street Boston, MA 02109-1808 Tel. No.: (617) 261-3100  TOTAL (5) TOTA	TOTAL: (\$)				
CORRESPONDENCE ADDRESS  SIGNATURE BLOCK  Patent Administrator  Kirkpatrick & Lockhart Nicholson  Graham LLP  75 State Street  Boston, MA 02109-1808 Tel. No.: (617) 261-3100  SIGNATURE BLOCK  Respondully submitted,  Patent Administrator  Respondully submitted,  Christine C. Vito, Ph.D.  Attorney for the Applicants  Kirkpatrick & Lockhart Nicholson  Graham LLP  Graham LLP	SMALL ENTITY DISCOUNT: (\$)	/			
Direct all correspondence to:  Patent Administrator  Kirkpatrick & Lockhart Nicholson  Graham LLP  75 State Street  Boston, MA 02109-1808 Tel. No.: (617) 261-3100  Responding submitted,  Date: September 20, 2005  Reg. No.: 39,061  Tel. No.: (617) 261-3150  Attorney for the Applicants  Kirkpatrick & Lockhart Nicholson  Graham LLP  Graham LLP  Graham LLP	SUBTOTAL (2) (S)				
Direct all correspondence to:  Patent Administrator  Kirkpatrick & Lockhart Nicholson  Graham LLP  75 State Street  Boston, MA 02109-1808 Tel. No.: (617) 261-3100  Responding submitted,  Date: September 20, 2005  Reg. No.: 39,061  Tel. No.: (617) 261-3150  Attorney for the Applicants  Kirkpatrick & Lockhart Nicholson  Graham LLP  Graham LLP  Graham LLP	CORRESPONDENCE ADDRESS	SIGNATURE BLOCK			
Patent Administrator Kirkpatrick & Lockhart Nicholson Graham LLP 75 State Street Boston, MA 02109-1808 Tel. No.: (617) 261-3100  Patent Administrator Date: September 20, 2005 Reg. No.: 39,061 Tel. No.: (617) 261-3150 Christine C. Vito, Ph.D. Attorney for the Applicants Kirkpatrick & Lockhart Nicholson Graham LLP					
Kirkpatrick & Lockhart Nicholson Graham LLP Reg. No.: 39,061 Tel. No.: (617) 261-3150 Tel. No.: (617) 261-3100  Christine C. Vito, Ph.D. Christine C. Vito, Ph.D. Attorney for the Applicants Kirkpatrick & Lockhart Nicholson Graham LLP  Graham LLP		1			
75 State Street  Boston, MA 02109-1808 Tel. No.: (617) 261-3150 Fax No.: (617) 261-3175 Attorney for the Applicants Kirkpatrick & Lockhart Nicholson Graham LLP					
Boston, MA 02109-1808 Fax No.: (617) 261-3175 Kirkpatrick & Lockhart Nicholson Graham LLP					
Tel. No.: (617) 261-3100 Graham LLP	• • •				
(20.7)241.000					
Boston, MA 02109-1808	Fax No.: (017) 201-5175				

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APPLICANT(S):

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EXAMINER:

Gary W. Counts

TITLE:

Methods of Using Bone Morphogenic Proteins as Biomarkers for

Determining Cartilage Degeneration and Aging

#### CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this correspondence, and any document(s) referred to as attached hereto, is/are being transmitted to the United States Patent and Trademark Office, Facsimile No. (571) 273-8300 on this 20th day of September, 2005.

Karen Boucher

#### Attached hereto is/are:

- 1. Transmittal Form (1 page);
- 2. Fee Transmittal Form (1 page);
- copy of Fee Transmittal Form (1 page);
- 4. Amendment and Response (15 pages); and
- 5. Request for Continued Examination (2 pages).